ELSEVIER

Toxicology 160 (2001) 243

TOXICOLOGY

Author index of volume 160

Anastasia, F.B. **160**, 237

Bansil, L. **160**, 237
Bechtold, W.E. **160**, 81
Biswal, S.S. **160**, 97
Bogen, K.T. **160**, 5
Bond, J.A. **160**, 165
Bordi, F. **160**, 19
Buckpitt, A. **160**, 173

Carlson, T.J. **160**, 197
Castro, G.D. **160**, 11
Castro, J.A. **160**, 11
Constable, P.C. **160**, 71
Costa, L.G. **160**, 19
Costantini, M.H. **160**, 11
Cross, C. **160**, 207

Dahl, A.R. **160**, 81
Datta, K. **160**, 97
Delgado de Layño, A.M.A. **160**, 11
Dorta, M. **160**, 237
Doull, J. **160**, 191
Dwyer-Nield, L.D. **160**, 197

Ecobichon, D.J. **160**, 27
Eisenbrandt, D.L. **160**, 155
Enns, L. **160**, 5
Evans, M. **160**, 173

Fanucchi, M. **160**, 173
Finkelstein, E. **160**, 207

Gary, R.K. **160**, 119
Gibson, J.E. **160**, 155
Gray, T. **160**, 35
Guenthner, T.M. **160**, 47
Guizzetti, M. **160**, 19
Gumprecht, L.A. **160**, 71

Hakkinen, P.J. **160**, 59
Hall, L.C. **160**, 5
Hansen, M.E. **160**, 139
Hart, B.A. **160**, 65
Haschek, W.M. **160**, 71
Henderson, R.F. **160**, 81
Holden, L. **160**, 155
Hughes, M.F. **160**, 227
Hyde, D. **160**, 173

Ibba, M. **160**, 181

Kacew, S. **160**, 87
Keating, G.A. **160**, 5
Kehrer, J.P. **160**, 97
Kenyon, E.M. **160**, 227
Koller, L.D. **160**, 105
Koo, J.-S. **160**, 35

Lakritz, J. **160**, 173
Laskin, D.L. **160**, 111
Laskin, J.D. **160**, 111
Lawson, G. **160**, 173
Lehnert, B.E. **160**, 119
Lehnert, N.M. **160**, 119
Lindenschmidt, R.C. **160**, 237
Lu, H. **160**, 19
Luo, G. **160**, 47

Malkinson, A.M. **160**, 197
Marrone, B.L. **160**, 119
Maser, E. **160**, 129
Matsumura, F. **160**, 139
Mattsson, J.L. **160**, 155
Medinsky, M.A. **160**, 165
Miller, L. **160**, 173
Möller, A. **160**, 129

Murphy, G. **160**, 5

Netter, K.J. **160**, 1
Nettesheim, P. **160**, 35
Nguyen, H. **160**, 207

Paige, R. **160**, 173
Palmery, M. **160**, 19
Panteleakos, F.N. **160**, 5
Plopper, C.G. **160**, 173
Potts, R.J. **160**, 65

Raczniak, G. **160**, 181
Reznick, A. **160**, 207
Rozman, K.K. **160**, 191

Silvestrini, B. **160**, 19
Smiley-Jewell, S. **160**, 173
Smith, G.W. **160**, 71
Soldan, M. **160**, 129
Söll, D. **160**, 181
Sun, Y. **160**, 197

Thompson, J.A. **160**, 197
Thornton-Manning, J.R. **160**, 81
Tita, B. **160**, 19

Valeri, P. **160**, 19
van der Vliet, A. **160**, 207
Van Winkle, L. **160**, 173
Vitalone, A. **160**, 19
Völker, U. **160**, 129

Watkin, R.D. **160**, 65
Weinfeld, M. **160**, 5
West, J. **160**, 173
Willhite, C.C. **160**, 219
Wu, R.W. **160**, 5

PII: S0300-483X(01)00351-1

ELSEVIER

Toxicology 160 (2001) 245–248

TOXICOLOGY

Subject index of volume 160

Adaptation: Lung; Cadmium; Metallothionein; Glutathione; Carcinogenesis; Apoptosis; DNA repair **160**, 65

Age: Confounding factors; Rat strain; Gender; Diet **160**, 87

Alcohol, alcoholism and the breast: Alcohol biotransformation and breast cancer; Breast ethanol metabolism; Ethanol, acetaldehyde and breast; Ethanol promotion of breast cancer; Free radicals and breast cancer; Purines, alcohol and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

Alcohol biotransformation and breast cancer: Alcohol, alcoholism and the breast; Breast ethanol metabolism; Ethanol, acetaldehyde and breast; Ethanol promotion of breast cancer; Free radicals and breast cancer; Purines, alcohol and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

Aldehyde-induced thiol modifications: Cigarette smoke; Neutrophil respiratory burst activation **160**, 207

Amidotransferase: Aminoacyl-tRNA; Genomics; Evolution; Protein synthesis; tRNA; *Chlamydia*; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Aminoacyl-tRNA: Amidotransferase; Genomics; Evolution; Protein synthesis; tRNA; *Chlamydia*; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Apoptosis: Lung; Cadmium; Adaptation; Metallothionein; Glutathione; Carcinogenesis; DNA repair **160**, 65

AP-1 transcription factors: Connexin-43; Intracellular calcium stores; Liver cancer; Mouse hepatoma cells; Phospholipase C-*gamma*$_1$; Protein kinase C-*epsilon*; Tumor promotion **160**, 139

Arndt; Haber; Paracelsus **160**, 191

Arsenic: Cancer; Dimethylarsinic acid **160**, 227

Assay: Cell killing; Chemical mutagen; Flow; Low-dose; Low-LET radiation; Microdrop; Survival **160**, 5

bcl Proteins: Proteases; 5-Lipoxygenase activating protein **160**, 97

Beryllium: Lung fibroblasts; Cell growth; Cell cycle; TP53; CDKN1A **160**, 119

Bioactivation: Dietary allylbenzene analogs; 2',3'-Epoxidation pathway; Genotoxicity **160**, 47

Biomarkers: 1,3-Butadiene; Butadiene diepoxide; Carcinogenicity **160**, 81

Borrelia: Aminoacyl-tRNA; Amidotransferase; Genomics; Evolution; Protein synthesis; tRNA; *Chlamydia*; Sexually transmitted disease; Lyme disease **160**, 181

Breast ethanol metabolism: Alcohol, alcoholism and the breast; Alcohol biotransformation and breast cancer; Ethanol, acetaldehyde and breast; Ethanol promotion of breast cancer; Free radicals and breast cancer; Purines, alcohol and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

1,3-Butadiene: Biomarkers; Butadiene diepoxide; Carcinogenicity **160**, 81

Butadiene diepoxide: 1,3-Butadiene; Biomarkers; Carcinogenicity **160**, 81

Butylated hydroxytoluene: Cytotoxicity; Electrophiles; Lung injury; Lung tumorigenesis **160**, 197

Cadmium: Lung; Adaptation; Metallothionein; Glutathione; Carcinogenesis; Apoptosis; DNA repair **160**, 65

Cancer: Arsenic; Dimethylarsinic acid **160**, 227

Carcinogenesis: Lung; Cadmium; Adaptation; Metallothioncin; Glutathione; Apoptosis; DNA repair **160**, 65

Carcinogenicity: 1,3-Butadiene; Biomarkers; Butadiene diepoxide **160**, 81

CDKN1A: Beryllium; Lung fibroblasts; Cell growth; Cell cycle; TP53 **160**, 119

Cell cycle: Beryllium; Lung fibroblasts; Cell growth; TP53; CDKN1A **160**, 119

PII: S0300-483X(01)00352-3

Cell growth; Beryllium; Lung fibroblasts; Cell cycle; TP53; CDKN1A **160**, 119

Cell killing; Assay; Chemical mutagen; Flow; Low-dose; Low-LET radiation; Microdrop; Survival **160**, 5

Chemical mutagen; Assay; Cell killing; Flow; Low-dose; Low-LET radiation; Microdrop; Survival **160**, 5

Chemicals; Pesticide; Developing countries **160**, 27

Chlamydia; Aminoacyl-tRNA; Amidotransferase; Genomics; Evolution; Protein synthesis; tRNA; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Chlorpyrifos; Red blood cell acetylcholinesterase inhibition; Dogs **160**, 155

Cigarette smoke; Aldehyde-induced thiol modifications; Neutrophil respiratory burst activation **160**, 207

Confounding factors; Rat strain; Gender; Age; Diet **160**, 87

Connexin-43; AP-1 transcription factors; Intracellular calcium stores; Liver cancer; Mouse hepatoma cells; Phospholipase C-*gamma*$_1$; Protein kinase C-*epsilon*; Tumor promotion **160**, 139

Cytotoxicity; Butylated hydroxytoluene; Electrophiles; Lung injury; Lung tumorigenesis **160**, 197

Cytotoxicity; Two-dimensional gel electrophoresis; Daunorubicin; Stress response; Pancreas carcinoma cell line **160**, 129

Daunorubicin; Two-dimensional gel electrophoresis; Stress response; Cytotoxicity; Pancreas carcinoma cell line **160**, 129

DEHP; Phthalates; Peroxisome proliferation; Risk assessment **160**, 219

Developing countries; Pesticide; Chemicals **160**, 27

Dietary allylbenzene analogs; Bioactivation; 2′,3′-Epoxidation pathway; Genotoxicity **160**, 47

Diet; Confounding factors; Rat strain; Gender; Age **160**, 87

Dimethylarsinic acid; Arsenic; Cancer **160**, 227

DNA repair; Lung; Cadmium; Adaptation; Metallothionein; Glutathione; Carcinogenesis; Apoptosis **160**, 65

Dogs; Chlorpyrifos; Red blood cell acetylcholinesterase inhibition **160**, 155

Electrophiles; Butylated hydroxytoluene; Cytotoxicity; Lung injury; Lung tumorigenesis **160**, 197

Endothelial cells; *Fusarium verticillioides*; Fumonisin B$_1$; Fumonisins; Heart; Kidney; Liver; Lung; Pig; Ultrastructure **160**, 71

2′,3′-Epoxidation pathway; Bioactivation; Dietary allylbenzene analogs; Genotoxicity **160**, 47

Ethanol, acetaldehyde and breast; Alcohol, alcoholism and the breast; Alcohol biotransformation and breast cancer; Breast ethanol metabolism; Ethanol promotion of breast cancer; Free radicals and breast cancer; Purines, alcohol and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

Ethanol promotion of breast cancer; Alcohol, alcoholism and the breast; Alcohol biotransformation and breast cancer; Breast ethanol metabolism; Ethanol, acetaldehyde and breast; Free radicals and breast cancer; Purines, alcohol and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

Evolution; Aminoacyl-tRNA; Amidotransferase; Genomics; Protein synthesis; tRNA; *Chlamydia*; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Flow; Assay; Cell killing; Chemical mutagen; Low-dose; Low-LET radiation; Microdrop; Survival **160**, 5

Free radicals and breast cancer; Alcohol, alcoholism and the breast; Alcohol biotransformation and breast cancer; Breast ethanol metabolism; Ethanol, acetaldehyde and breast; Ethanol promotion of breast cancer; Purines, alcohol and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

Fumonisin B$_1$; Endothelial cells; *Fusarium verticillioides*; Fumonisins; Heart; Kidney; Liver; Lung; Pig; Ultrastructure **160**, 71

Fumonisins; Endothelial cells; *Fusarium verticillioides*; Fumonisin B$_1$; Heart; Kidney; Liver; Lung; Pig; Ultrastructure **160**, 71

Fusarium verticillioides; Endothelial cells; Fumonisin B$_1$; Fumonisins; Heart; Kidney; Liver; Lung; Pig; Ultrastructure **160**, 71

Gender; Confounding factors; Rat strain; Age; Diet **160**, 87

Genomics; Aminoacyl-tRNA; Amidotransferase; Evolution; Protein synthesis; tRNA; *Chlamydia*; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Genotoxicity; Bioactivation; Dietary allylbenzene analogs; 2′,3′-Epoxidation pathway **160**, 47

Global toxicology; Internet; Risk analysis; World Wide Web **160**, 59

Glutathione; Lung; Cadmium; Adaptation; Metallothionein; Carcinogenesis; Apoptosis; DNA repair **160**, 65

Haber; Arndt; Paracelsus **160**, 191

Heart; Endothelial cells; *Fusarium verticillioides*; Fumonisin B_1; Fumonisins; Kidney; Liver; Lung; Pig; Ultrastructure **160**, 71

Inflammatory mediators; Macrophages; Toxicity **160**, 111

Internet; Global toxicology; Risk analysis; World Wide Web **160**, 59

Intracellular calcium stores; AP-1 transcription factors; Connexin-43; Liver cancer; Mouse hepatoma cells; Phospholipase C-*gamma*$_1$; Protein kinase C-*epsilon*; Tumor promotion **160**, 139

Intracellular signal transduction pathways; Neurotoxicants **160**, 19

Kidney; Endothelial cells; *Fusarium verticillioides*; Fumonisin B_1; Fumonisins; Heart; Liver; Lung; Pig; Ultrastructure **160**, 71

5-Lipoxygenase activating protein; Proteases; bcl Proteins **160**, 97

Liver cancer; AP-1 transcription factors; Connexin-43; Intracellular calcium stores; Mouse hepatoma cells; Phospholipase C-*gamma*$_1$; Protein kinase C-*epsilon*; Tumor promotion **160**, 139

Liver; Endothelial cells; *Fusarium verticillioides*; Fumonisin B_1; Fumonisins; Heart; Kidney; Lung; Pig; Ultrastructure **160**, 71

Low-dose; Assay; Cell killing; Chemical mutagen; Flow; Low-LET radiation; Microdrop; Survival **160**, 5

Low-LET radiation; Assay; Cell killing; Chemical mutagen; Flow; Low-dose; Microdrop; Survival **160**, 5

Lung; Cadmium; Adaptation; Metallothionein; Glutathione; Carcinogenesis; Apoptosis; DNA repair **160**, 65

Lung; Endothelial cells; *Fusarium verticillioides*; Fumonisin B_1; Fumonisins; Heart; Kidney; Liver; Pig; Ultrastructure **160**, 71

Lung fibroblasts; Beryllium; Cell growth; Cell cycle; TP53; CDKN1A **160**, 119

Lung injury; Butylated hydroxytoluene; Cytotoxicity; Electrophiles; Lung tumorigenesis **160**, 197

Lung tumorigenesis; Butylated hydroxytoluene; Cytotoxicity; Electrophiles; Lung injury **160**, 197

Lyme disease; Aminoacyl-tRNA; Amidotransferase; Genomics; Evolution; Protein synthesis; tRNA; *Chlamydia*; Sexually transmitted disease; *Borrelia* **160**, 181

Macrophages; Inflammatory mediators; Toxicity **160**, 111

Metallothionein; Lung; Cadmium; Adaptation; Glutathione; Carcinogenesis; Apoptosis; DNA repair **160**, 65

Microdrop; Assay; Cell killing; Chemical mutagen; Flow; Low-dose; Low-LET radiation; Survival **160**, 5

Mouse hepatoma cells; AP-1 transcription factors; Connexin-43; Intracellular calcium stores; Liver cancer; Phospholipase C-*gamma*$_1$; Protein kinase C-*epsilon*; Tumor promotion **160**, 139

Mucin gene expression; Mucous differentiation; Tracheobronchial epithelium **160**, 35

Mucous differentiation; Mucin gene expression; Tracheobronchial epithelium **160**, 35

Neurotoxicants; Intracellular signal transduction pathways **160**, 19

Neutrophil respiratory burst activation; Aldehyde-induced thiol modifications; Cigarette smoke **160**, 207

Pancreas carcinoma cell line; Two-dimensional gel electrophoresis; Daunorubicin; Stress response; Cytotoxicity **160**, 129

Paracelsus; Arndt; Haber **160**, 191

Peroxisome proliferation; Phthalates; DEHP; Risk assessment **160**, 219

Pesticide; Chemicals; Developing countries **160**, 27

Phospholipase C-*gamma*$_1$; AP-1 transcription factors; Connexin-43; Intracellular calcium stores; Liver cancer; Mouse hepatoma cells; Protein kinase C-*epsilon*; Tumor promotion **160**, 139

Phthalates; DEHP; Peroxisome proliferation; Risk assessment **160**, 219

Pig; Endothelial cells; *Fusarium verticillioides*; Fumonisin B_1; Fumonisins; Heart; Kidney; Liver; Lung; Ultrastructure **160**, 71

Proteases; bcl Proteins; 5-Lipoxygenase activating protein **160**, 97

Protein kinase C-*epsilon*; AP-1 transcription factors; Connexin-43; Intracellular calcium stores; Liver cancer; Mouse hepatoma cells; Phospholipase C-*gamma*$_1$; Tumor promotion **160**, 139

Protein synthesis; Aminoacyl-tRNA; Amidotransferase; Genomics; Evolution; tRNA; *Chlamydia*; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Purines, alcohol and breast cancer; Alcohol, alcoholism and the breast; Alcohol biotransformation and breast cancer; Breast ethanol metabolism; Ethanol, acetaldehyde and breast; Ethanol promotion of breast cancer; Free radicals and breast cancer; Purines, xanthine oxidase and breast cancer **160**, 11

Purines, xanthine oxidase and breast cancer; Alcohol, alcoholism and the breast; Alcohol biotransformation and breast cancer; Breast ethanol metabolism; Ethanol, acetaldehyde and breast; Ethanol promotion of breast cancer; Free radicals and breast cancer; Purines, alcohol and breast cancer **160**, 11

Rat strain; Confounding factors; Gender; Age; Diet **160**, 87

Red blood cell acetylcholinesterase inhibition; Chlorpyrifos; Dogs **160**, 155

Risk analysis; Global toxicology; Internet; World Wide Web **160**, 59

Risk assessment; Phthalates; DEHP; Peroxisome proliferation **160**, 219

Sexually transmitted disease; Aminoacyl-tRNA; Amidotransferase; Genomics; Evolution; Protein synthesis; tRNA; *Chlamydia*; *Borrelia*; Lyme disease **160**, 181

Stress response; Two-dimensional gel electrophoresis; Daunorubicin; Cytotoxicity; Pancreas carcinoma cell line **160**, 129

Survival; Assay; Cell killing; Chemical mutagen; Flow; Low-dose; Low-LET radiation; Microdrop **160**, 5

Toxicity; Macrophages; Inflammatory mediators **160**, 111

TP53; Beryllium; Lung fibroblasts; Cell growth; Cell cycle; CDKN1A **160**, 119

Tracheobronchial epithelium; Mucin gene expression; Mucous differentiation **160**, 35

tRNA; Aminoacyl-tRNA; Amidotransferase; Genomics; Evolution; Protein synthesis; *Chlamydia*; Sexually transmitted disease; *Borrelia*; Lyme disease **160**, 181

Tumor promotion; AP-1 transcription factors; Connexin-43; Intracellular calcium stores; Liver cancer; Mouse hepatoma cells; Phospholipase C-*gamma*$_1$; Protein kinase C-*epsilon* **160**, 139

Two-dimensional gel electrophoresis; Daunorubicin; Stress response; Cytotoxicity; Pancreas carcinoma cell line **160**, 129

Ultrastructure; Endothelial cells; *Fusarium verticillioides*; Fumonisin B_1; Fumonisins; Heart; Kidney; Liver; Lung; Pig **160**, 71

World Wide Web; Global toxicology; Internet; Risk analysis **160**, 59